



COMING EVENTS

DECEMBER

11 WEDNESDAY

Lectures

Institute for the History and Philosophy of Science and Technology. "Newton and God—The Clarke-Leibniz Controversy". Prof. F. E. L. Priestley. Room 102, McLennan Physical Laboratories. 1.10 p.m.

"Some Founders of Geology" series by Dr. W. E. Swinton. "Sir Andrew Ramsay (1814-1891)". Room 2117, Sidney Smith Hall. 4 p.m.

School of Graduate Studies and Department of History. "Slavery in the Americas in World Perspective". Prof. Eugene Genovese, Sir George Williams University, Montreal. Room 203, McLennan Physical Laboratories. 4 p.m.

School of Graduate Studies and Centre for Medieval Studies. "The Emergence of 'the People of God'". Edmund Colledge, O.S.A. Upper Library, Massey College. 4 p.m.

School of Graduate Studies and Graduate Department of Classical Studies. "New Papyrus Texts". Prof. E. G. Turner, Professor of Papyrology, University of London and Member of the Institute for Advanced Study in Princeton. Room 24, Trinity College. 4.30 p.m.

Seminars

School of Business. "Business Redevelopment in the Inner City: The Buffalo Experience". Prof. Alan R. Andreasen, School of Business, State University of New York, Buffalo. Room 203, 117 St. George Street. 4 p.m.

Colloquia

Department of Astronomy. "The Luminosity Function of Nearby Stars". Dr. James F. Wanner, Earlham College, Richmond, Ind. David Dunlap Observatory. 4 p.m.

Department of Mathematics. "Local and Asymptotic Minimax Properties of Multivariate Tests". Prof. N. C. Giri, University of Montreal. Room 2102, Sidney Smith Hall. 4.10 p.m.

Music

Hart House Debates Room. The Classical Concert Series features the U of T Sinfonia. 1.15 p.m. Ladies welcome.

Tour

A 30-minute tour related to the Christmas season. Main Rotunda, ROM. 12.50 p.m.

12 THURSDAY

Lectures

Department of Educational Administration, O.I.S.E. "Automation as an Aid to the Management of Educational Experiences". Donald Bushnell, Santa Barbara, Calif. Rooms 410-411, O.I.S.E. 2-4 p.m.

School of Graduate Studies and Faculty of Dentistry. "The Role of Bacterial Polysaccharides in Dental Plaque Formation". Dr. R. Gibbons, Forsythe Dental Center, Boston, Mass. Room 308, Faculty of Dentistry. 3 p.m.

School of Graduate Studies and Centre for Medieval Studies. "The Mendicant Preaching Missions". Edmund Colledge, O.S.A. Upper Library, Massey College. 4 p.m.

Centre for the Study of Drama and O'Keefe Centre. "Greek Tragic Theatre". Theodore Kritas, Manager, Piraikon Theatron. Hart House Theatre. 4 p.m.

Erindale College and The Canadian Institute of International Affairs. "The Age of Revolution" lecture series. "The Cultural Revolution in China—Revolution in a Revolution". Ray Wylie. Room 248, Erindale College Main Building. 8 p.m.

(See page 2, col. 1)

Council approves 3rd draft of submission to the CUA

The President's Council met on November 29th, on December 3rd with representatives of Scarborough and Erindale Colleges, and in an open meeting with seven student representatives on December 6th, and discussed the proposed submissions to the Committee on University Affairs.

The student representatives at the open meeting were Steven Langdon, Peter Aust, Bob Barkwell, Wayne Hankey, John Oldham, Bob Rae and John Winter. The following observers addressed the meeting with the Council's permission: Howard Schwartz of the Faculty of Law, David Galley of the Faculty of Forestry, Miss Inez Newbold and Professor Michael Grapko of the Institute of Child Study, Mrs. Joyce Denyer of the Division of University Extension, Wayne Richardson of the Faculty of Applied Science and Engineering, and Miss Susan Stoess of Innis College.

A drafting subcommittee consisting of Dean Allen, Professor Rapson, Dean Sirluck, Wayne Hankey, Bob Rae, and Don Ross was charged with re-drafting the submission for reconsideration at a further open meeting on Monday, December 9th.

By 6 p.m. on Monday the Council, again with seven students taking part in its deliberations, had agreed on a third draft of the document which President Claude Bissell will take to the Executive Committee of the Board of Governors for their approval as the University's submission to the Committee on University Affairs next week. (*Staff Bulletin* hopes to report in a future issue just how Draft III differs from Draft II, published December 3.)

It was further agreed at the December 9th meeting that students will be among the U of T group that makes the submission to CUA.

The following resolution was adopted: that the Council recommends to the President that there be students in the University delegation to the Committee on University Affairs; that we should recommend to the committee the adoption of a new format for its meetings with universities providing for greater openness in the discussion of matters of general interest and a separation of public and private subjects; but that we accept for this year the present format under which the other Ontario universities have made their presentations.

Structure committee to hold first meeting Friday, December 13

The first meeting of the Committee on the Structure of the University will be held on Friday, Dec. 13, at 2.30 p.m. in the Senate chamber, Simcoe Hall.

The Committee, the idea for which originated with the President's Council, is to examine, study, and make recommendations on the structure and government of the University.

The Committee consists of the following:

Voting members—

President Claude Bissell.

Representing the teaching staff: Professors Lawrence Lynch, John E. Hodgetts, Bernard Etkin, and J. S. Thompson.

Representing the students: Stephen M. Grant, D'Arcy Martin, Robert Rae, and Gary Webster.

Non-voting members—

Representing alumni: Robert L. Hicks.

Two members of the Board of Governors.

The faculty representatives were chosen by a mail vote conducted by the Association of the Teaching Staff. There were 10 nominees for the four places on the Committee, one for each of four divisions.

Professor Michael Grapko, retiring president of ATS, said that 1,046 teachers voted—more than 60 per cent of the ATS membership. In the election for the four student representatives, organized by the Students' Administrative Council, 4,788 students voted, a number which *The Varsity* said was 16 per cent of the student population.

Heading the poll in Division I was Lawrence Edward Lynch, professor of philosophy, a member of the teaching staff since 1946. He is an elected member of the President's Council.

John Edwin Hodgetts, who won in Division II, is principal of Victoria College and professor of political science. A U of T graduate, he taught at Queen's for 20 years until he returned to Toronto in 1965.

Representing Division III will be Bernard Etkin, professor in the Institute of Aerospace Studies and chairman of engineering science in the Faculty of Applied Science and Engineering.

Dr. J. S. Thompson, winner in Division IV, is professor and chairman of anatomy in the Faculty of Medicine. He has written papers on medical faculty administration and student problems.

The student representatives:

Stephen M. Grant is in his second year in general arts at Victoria College. For the past two years he has been a member of the Victoria College Union Council.

D'Arcy Martin, New College, third year student in Latin American studies, has been one of the student members at each of the three open meetings of the President's Council held to date.

Robert Rae, in his fourth year in modern history at University College, is a member of the Students' Administrative Council and has been one of the seven student representatives at open meetings of the President's Council.

Gary Webster, a student in the School of Graduate Studies and a teaching assistant, was a university lecturer for two years in Nigeria before coming to U of T.

DECEMBER 19 DEADLINE

All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson, by noon on the 19th of December. Her address is Room 225, Simcoe Hall (928-2102).

The representative of alumni:

Robert L. Hicks graduated in 1945 as Bachelor of Applied Science and in 1956 as Master of Business Administration. He was elected a director of the University of Toronto Alumni Association in 1960, and was its president in 1966-67. He is also past president of the School of Business Alumni Association. Mr. Hicks is a senior executive in the Toronto Hydro Electric System and a past president of the Association of Professional Engineers of Ontario. During his term in that office, Mr. Hicks was active in the promotion of improved post-graduate educational facilities for engineers.

The Board of Governors has agreed to arrange for the attendance of not more than two of its members at meetings of the Committee and to provide accommodation and secretariat assistance for its work.

A & S changes to be explained to high schools

The Faculty of Arts and Science has invited representatives of all secondary schools in Ontario to a briefing on the changes that have been made in the Arts and Science curriculum for 1969-70.

About 1,000 principals and heads of high school guidance departments will have the opportunity of hearing at first hand details of the revised curriculum as approved by Faculty Council on Dec. 2. They are being asked to attend one of three symposiums to be held at the University on January 23, 24 and 25. The principals and counsellors will also be able to discuss with the Faculty the implications of the new curriculum as they will affect the academic decisions of their students.

Briefly, Faculty Council has approved:

General programs and specialized programs, replacing the present honour and general courses;

A common first year for students planning both types of program;

Introduction of the first and second years of the new scheme simultaneously in the 1969-70 academic year.

In his letter of invitation to the high schools, Associate Dean Gordon Watson cited one of the main features of the new curriculum:

"The first year for all students entering the Faculty of Arts and Science is to be regarded as a year of freedom to explore and sample the academic content of the university education in the Arts and Sciences — to pursue their developed interests or to discover new ones, or both — without the fear of committing themselves to fixed three or four year programs, and hence without the complica-

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COMING EVENTS

DECEMBER (Continued from page 1)

Lecture	School of Graduate Studies and Department of Philosophy. "Good Reasons and Prescriptivism in Ethics: Meta-Ethical Incompatibility?". Prof. Henry Veatch, Northwestern University. Senior Common Room, Howard Ferguson Hall, Sir Daniel Wilson Residence. 8.15 p.m.
Seminars	School of Graduate Studies and Institute for Aerospace Studies. "The Role of Science in the Next Decade". Dr. R. Seeger, National Science Foundation. Main Lecture Room. 2 p.m. Department of Civil Engineering. "Physical Properties of Portland Cement Paste and Concrete". Dr. T. C. Powers. Room G107, Sanford Flemming Labs. 3 p.m. Staff and graduate students are welcome to attend. Department of Medicine. "Control of Lipid Biosynthesis and the Biological Significance of Pantothenic Acid". Dr. D. A. K. Roncari, Department of Biological Chemistry, Washington University, St. Louis. Room 131, Banting Institute. 4 p.m. School of Graduate Studies and Department of Physics. "Self Induced Transparency". Prof. Erwin L. Hahn, Department of Physics, University of California at Berkeley. Room 102, McLennan Physical Labs. 4.10 p.m.
Music	Faculty of Music Thursday Afternoon Series. Concert Choir. Concert Hall, Edward Johnson Building. 2 p.m. The Hart House Glee Club. This 40-man group will be visiting Erindale College for the first time to give a performance. Cafeteria. 5.15 p.m. The Devonshire Singers present "A Christmas Program of Madrigals." Room 257, Erindale College. 12.30 p.m.
Poetry Reading	Hart House Art Gallery. Prof. J. Leyerle will lead readings from Chaucer's <i>The Canterbury Tales</i> . 1.15 p.m. Ladies welcome.
Party	University Arts Women's Club Christmas Party. Hostess: Mrs. Claude Bissell. 93 Highland Ave., Rosedale. 8.15 p.m.

13 FRIDAY

Lectures	Banting and Best Department of Medical Research. "Respiratory Control and the Krebs Cycle". Dr. G. Ron Williams. Room 417, Charles H. Best Institute. 2 p.m. School of Graduate Studies and Department of Civil Engineering. "Wind-Induced Oscillations of Large Cylindrical Structures". Prof. Milos Novak, Visiting Associate Professor, University of Western Ontario. Room 120, Galbraith Building. 3 p.m. Mathematics and Physics Society. "Can You Hear the Shape of a Drum?" Prof. Mark Kac, Rockefeller University. Room 2117, Sidney Smith Hall. 3 p.m. School of Graduate Studies and Graduate Department of English. "Browning's Major Poetry". Prof. Ian Jack, Fellow of Pembroke College, Cambridge, and University Lecturer in English. Rhodes Room, Trinity College. 4 p.m.
Colloquium	School of Graduate Studies and Department of Chemistry. "Information on Energy Transfer Mechanisms from Isotope Effect Studies". Prof. John H. Kiefer, University of Illinois at Chicago Circle. Room 158, Lash Miller Chemical Labs. 4 p.m.
Theatre	Erindale College Players present T. S. Eliot's "Murder in the Cathedral". Cafeteria. 4 p.m.
Supper	Faculty Club. Lobster Buffet. 5.30-8 p.m.
Party	Wine and Cheese Party at Graduate Students' Union. Faculty members and administrators are invited. Admission \$1. 4 to 7 p.m.
Athletics	Hockey. Western at Varsity Arena. 8 p.m.

14 SATURDAY

Lecture	Ontario Mathematical Meeting. "Some Mathematical Problems in Statistical Mechanics". Prof. Mark Kac, Rockefeller University. Room A2135, Sidney Smith Hall. 3 p.m.
Meeting	Research papers in mathematics will be presented by mathematicians from Ontario Universities at the Ontario Mathematical meeting. Sidney Smith Hall. Begins 9.30 a.m. Anyone interested is welcome to attend.

15 SUNDAY

Music	Scarborough Sinfonietta. Conductor: Wilson Swift. Plus Scarborough Orff Ensemble. Conductor: Keith Bissell. Scarborough College. 3.45 p.m. Admission free.
Films	A free holiday program of sparkling films for the entire family. "Gazouli; Petit Oiseau; Madeline; The Golden Fish; and On the Twelfth Day". ROM 2 p.m.

16 MONDAY

Lectures	Banting and Best Department of Medical Research. "Reconstitution of Mitochondrial Membranes". Dr. G. Schatz, Cornell University. Room 417, Charles H. Best Institute. 4 p.m. School of Graduate Studies and Department of Anthropology. "Current Status of the Mixtec in the Valley of Oaxaca". Dr. Donald Brockington, University of North Carolina. Room 2135, Sidney Smith Hall. 4 p.m.
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17 TUESDAY

Seminar	School of Graduate Studies and Department of Anthropology. "Archeological Research Along the Oaxacan Coast". Dr. Donald Brockington, University of North Carolina. Time and place to be announced.
Colloquium	Department of Mathematics. "Jung's Theorem". Prof. Peter McMullen, Western Washington State College. Room 2102, Sidney Smith Hall. 4.10 p.m.

18 WEDNESDAY

Lectures	"Some Founders of Geology" series by Dr. W. E. Swinton. "Sir William Logan (1798-1875)". Room 2117, Sidney Smith Hall. 4 p.m. School of Graduate Studies and Department of Psychology. Title to be announced. Dr. Harry F. Harlow, University of Wisconsin. Room 159, Ramsay Wright Zoological Labs. 4.30 p.m.
Colloquium	Department of Mathematics. "Linearly Stable Polytopes". Prof. Peter McMullen, Western Washington State College. Room 2102, Sidney Smith Hall. 4.10 p.m.
Meeting	Institute of Computer Science. Organizational meeting for the Users' Services Committee. Room 103, McLennan Physical Laboratories. 4 p.m.
Tour	A repeat of the 30-minute tour related to the Christmas season. Main Rotunda, ROM. 12.50 p.m.

20 FRIDAY

Luncheon	Faculty Club. Christmas Luncheon. 12 noon to 2 p.m. Members only.
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22 SUNDAY

Music	Massey College. Christmas Choral Vespers Service. Music by Blow, Smith and Wise. Massey College. 5 p.m.
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31 TUESDAY

Balls	Faculty Club. New Year's Eve Ball. Buffet Supper: 7-10 p.m. Dancing 8.30 p.m.-12.30 a.m. Reservations (and cancellations) closed December 9. Hart House New Year's Eve Ball. Activities include dining, dancing, singing, swimming and swinging. Midnight dinner, three bands, folk concert, splash party and the beginning of a new year for \$15 per couple. 9 p.m.-3 a.m. Tickets available either from the Hall Porter or in the Undergraduate Office.
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JANUARY

10 FRIDAY

Athletics	Hockey. McMaster at Varsity Arena. 8 p.m.
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14 TUESDAY

Lectures	School of Graduate Studies and Graduate Department of French. "L'Orphisme de Guillaume Apollinaire". Prof. M. Benamou, University of Michigan. Room 122, University College. 4 p.m. Victoria College Public Lectures 1969. "Marvell's Infinite Parallels". Prof. J. A. Carscallen. Lecture Hall, Academic Building, Victoria College. 4.30 p.m. United Nations Lecture Series on "Sources of Strife and Violence in Today's World". "Raising Children of Goodwill". Panel Discussion. Scarborough College. 8 p.m.
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15 WEDNESDAY

Athletics	Hockey. Waterloo at Varsity Arena. 8 p.m.
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16 THURSDAY

Lecture	University College Lecture Series. "Apuleius". Prof. Louis MacKay. West Hall, University College. 4.10 p.m.
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21 TUESDAY

Lectures	School of Graduate Studies and Graduate Department of French. "Réflexions sur le rôle d'Orphée chez quelques écrivains de la Renaissance". Prof. Eva Kushner, Carleton University. Room 122, University College. 4 p.m. Victoria College Public Lectures 1969. "Two Crises for the <i>Encyclopédie</i> ". Prof. D. W. Smith. Lecture Hall, Academic Building, Victoria College. 4.30 p.m.
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24 FRIDAY

Supper	Lobster Buffet Supper. The Faculty Club. 5.30-8 p.m.
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Senate will choose an assessor for U of T Committee on Structure

A summary of the Senate minutes for November 8, 1968, follows:

In the absence of the President, the Executive Vice-President (Academic) and Provost took the Chair.

(1) The minutes of the meeting of October 10, 1968 were approved.

(2) The Senate received the second preliminary report on enrolment from the Office of Statistics and Records.

(3) The Senate approved the report on final examination results in all Faculties, Schools and Institutes for the Session 1967-68. At the request of one of its members, the Senate discussed First Year failure rates, with particular reference to General Science, Engineering, and Food Sciences.

(4) The Senate approved the report on degrees and diplomas to be conferred at Fall Convocation, 1968 for all Faculties, Schools and Institutes. Among the graduate degrees to be conferred there were 87 Ph.D.'s, 261 M.A.'s and 70 M.Sc.'s.

(5) The Senate approved a report of the Executive Committee recommending that Senate representation on the proposed Committee on the Structure of the University be as follows:

- that there be one Senate assessor member of this Committee;
- that the assessor member be chosen from among the elected graduate members of the Senate and the President of the University of Toronto Alumni Association;
- that the above group be asked to meet and choose this representative.

The Senate received for information a report of the Executive Committee approving amendments to the courses of study and calendar in the Faculty of Arts and Science for the session 1968-69.

(6) The Senate approved a report of the Committee on Applications and Memorials recommending the denial of four petitions by students against decisions of the Councils of the Faculty of Arts and Science (3) and the School of Nursing (1).

(7) The Senate approved a report of the Committee on Admissions giving permission for a student to re-register in the Faculty of Applied Science and Engineering.

The Senate received for information a report of the Committee on Admissions endorsing a \$10 service fee for applicants, other than those currently in full-time attendance in a Canadian High School and those whose last academic work was done at the University of Toronto.

(8) The Senate approved a report of the Committee on Scholarships and Other Awards concerning 16 new awards, 9 amendments to existing awards and 5 withdrawals of awards.

(9) The Senate approved a report and gave second reading to a statute respecting the establishment of the Degree of Ph.D. in Business Administration.

(10) The Senate approved a report of the Council of the School of Graduate Studies and gave second reading to a statute respecting the abolition of the Degree of Doctor of Clinical Science in the School of Graduate Studies. This program has now been superseded by the recently approved Ph.D. and M.Sc. programs in Medical Science.

(11) The Senate approved a report of the Board of Medical Studies and gave second reading to a statute respecting a new curriculum in the Faculty of Medicine. A description of this curriculum appears on page 3.

F. E. Winter to head new ATS executive

Prof. F. E. Winter of the Department of Fine Art in the Faculty of Arts and Science has been elected chairman of the Association of the Teaching Staff for the current year. He succeeds Prof. Michael Grapko.

Other officers elected were: vice-chairman, Prof. A. S. Weinrib, Faculty of Law; treasurer, Prof. R. A. Collins, Faculty of Applied Science and Engineering; secretary, Prof. Stewart Collins, Faculty of Arts and Science.

EXHIBITIONS

Hart House Art Gallery. A photo exhibition from the National Film Board of Canada: Jeremy Taylor's Private View of Montreal. On display Dec. 10-31. 2-5 p.m. daily. Ladies welcome.

British Council Paperback Exhibition of 900 titles. "Paperbacks for Canadian Universities" may be seen Dec 6 to 20 at Erindale College Library; Jan. 6 to 18 at the E. J. Pratt Library, Victoria University.

An exhibition of ancient Tunisian mosaics which has toured major museums in Europe and the U.S. ROM until Jan. 7.

An exhibition of new prints by Vera Frankel. Erindale College. Dec. 2-21. Daily 9 a.m.-9 p.m.; Saturdays 10-5 p.m.; Sundays 2-5 p.m.

An exhibition of the 19th century forms of lighting. ROM, Third Floor Rotunda. Dec. 12 to Jan. 12.

SGS Council is unanimous in move to seat students

Summary of Minutes of the Council of the School of Graduate Studies November 19, 1968:

Proposed amendments to the Statute governing the School of Graduate Studies

Council unanimously approved for recommendation to the Senate amendments to the Statute which will provide for election to membership on Council of four full-time graduate students, one from each of the Divisions of the School. Since only three Divisions had had an opportunity to discuss the question of student participation on the Divisional Executive Committees and in the Divisional meetings, these matters were deferred until the December meeting.

Business rising from the Minutes

It was reported that: (i) the degree of Doctor of Clinical Science had been abolished; (ii) the Ph.D. degree in Business had been established; (iii) the attempt to secure reserved parking space for graduate students had been unsuccessful; (iv) a committee, including two of the graduate student assessors on Council, had been appointed to investigate the various regulations concerning theses and to consolidate the information for the benefit of graduate students seeking such advice; (v) the School had expressed its willingness to forego its priority in the Charles Street married students' apartments for the remainder of this session since otherwise there might be some under-utilization due to the space becoming available late in the year; (vi) the Executive Committee of the Graduate Students' Union had named Michael Holden (Educational Theory) as the assessor to Council from Division III, and the President of the GSU would serve until the assessor from Division IV is named.

Approval was granted for a new course offering in Urban and Regional Planning, to commence in January 1969.

Report of Electoral Committee

Prof. W. D. Baines (Mechanical Engineering) was elected to Council in the recent by-election to fill the vacancy created by Prof. G. B. Craig's leave of absence.

Dean's Report

The Dean reported on tentative enrolment figures for the current session, which gave evidence of the success of the effort to control and direct further expansion.

Reports of Divisions

The Associate Dean of Division I reported the membership of the Comparative Literature Committee: Profs.

Northrop Frye (Chairman), Martin Mueller (Secretary), H. E. Bowman, Hans Eichner, H. E. Sparshott, M. J. Valdes, G. M. Wickens. The Committee is preparing to submit its proposed program to the Appraisal Committee of the Ontario Council on Graduate Studies. He also reported that the Division had adopted a resolution recommending that the director of a Ph.D. thesis in Division I would not normally be permitted to act as an appraiser of the thesis, and another resolution expressing a preference that graduation diplomas be printed in English. Council referred back to the Degree Committee of the Division a recommendation for a student's transfer from a Ph.D. to a Phil.M. program.

The Associate Dean of Division IV reported on discussions in the Executive and Degree Committees with respect to the Special Student category and Summer Session work. The matters were referred to the Calendar Committee for further consideration.

Inter-university co-operation in graduate work

In reply to a question directed to him in his capacity as Chairman of the Ontario Council on Graduate Studies, the Dean reported on the establishment of an Advisory Committee on Academic Planning by the OCGS, which would make recommendations on a division of responsibility for graduate work and research in Ontario and on machinery to enable universities to share human and material resources. Council expressed approval of the objective and initial procedure, while recognizing certain possibilities of abuse.

Master of Arts for Teachers degree

The Assistant Dean reported that the proposal approval by Council in May 1968 had now been approved by the Council of the College of Education and a submission to the Appraisals Committee of the Ontario Council on Graduate Studies was being prepared.

Recommendations for degrees

Council received, for information, a report on degree recommendations for the Fall Convocation. It was noted that there were 625 recommendations this fall as compared with 507 at this time last year.

Fellowship report

It was agreed to defer to the next meeting consideration of the report on fellowship tenable in the session 1968-69.

Proposal for a Master of Science degree in Nursing

Council received a brief from the School of Nursing concerning a proposed Master of Science degree in Nursing.

Prof. Matteo spends leave producing films for ETV

Prof. Gino Matteo, on leave from the St. Michael's College English Department, has just completed a series of twelve programs for the Ontario Government's Educational Television Branch. The series, *Explorations in Shakespeare*, uses actors from the Stratford Shakespeare Festival and Theatre Toronto.

The remaining programs can be seen locally on Channel 11 at 10.30 a.m. and Channel 6 at 11.00 a.m., Mondays, Wednesdays and Fridays, and will be repeated by the CBC in the spring.

Prof. Matteo, who is supervisor of programming and production in English Literature, is currently planning nine more programs for ETV.

New Medical curriculum is approved by Governors

A completely new curriculum, for students studying Medicine in the University of Toronto, has been approved by the Board of Governors on the recommendation of the Senate, at the request of the Council of the Faculty of Medicine.

The new curriculum, which has emerged from three years of intensive study and committee work by several hundred members of the faculty, assisted by student representatives, will now be submitted to the College of Physicians and Surgeons of Ontario. It is planned to introduce the curriculum in the Academic Year of 1969-70, which begins June 15th, next year.

One of the changes that the Ontario College will be asked to approve is the replacement of the Fourth Medical Year (Med IV) of the course by a year of "Clerkship", which would combine didactic teaching with a more intensive clinical experience in hospitals.

Another change will be the abolition of the year of pre-registration "rotating internship", essential to the granting of a licence to practise, which normally follows Med IV and the bestowal of the degree of Doctor of Medicine (MD).

Under the proposed new curriculum, students, after obtaining their MD on completion of the Fourth (clerkship) Medical Year, would spend a year of "straight internship", gaining further clinical experience, under supervision, in an area of preferred interest. Students who wish to take a rotating internship will, however, still be able to do so.

For those taking a straight internship, who intend to enter General Practice, this period after graduation might be spent in studying an area of relevant special interest, such as paediatrics or obstetrics and gynaecology and this would constitute a most valuable reinforcement to traditional training.

For those who wish, instead, to special-

ize, it could, if the Royal College of Physicians and Surgeons of Canada agrees, constitute the first year of specialized training, leading later to Fellowship of the Royal College or to a certificate of specialization.

Other innovations in the new course include:

Strong emphasis on a multi-disciplinary, or "Systems" approach to teaching in many areas. Thus, in dealing with a subject like the glandular system, the genito-urinary tract, the respiratory system, the cardio-vascular system or the nervous system, students would hear within a short space of time, ranging from two weeks to a month, from a wide range of experts, including specialists in internal medicine, surgery, neurology, physiology and psychiatry. In the past, instead, the same subject might be dealt with in fragmentary fashion, over a period of several years, in the course of lectures that were primarily discipline-orientated;

A framework for the study of basic medical sciences that will make the student more "at home" in the laboratory, by allotting to him a work bench and study area that will be his "home base" for the relevant year. In this area, in addition to performing scheduled practical work in biochemistry and metabolism, cellular biology, each student will enjoy day and night access to the laboratory and will be able to carry on personal research projects if he wishes to;

Much greater flexibility than has ever been achieved before in the choice of material to be studied, by a greater emphasis on "electives";

Much greater emphasis on the relationship of Medicine and the Community;

A system of continuous review by committees whose members will be changed from year to year; and

A continuing framework for student input in decision-making areas.

Briefing schools on curriculum

(Continued from page 1)

tion of 'transferring' from one field to another if the first year awakens different interests.

"... except for the degree of intensity with which a student studies within a particular discipline, i.e., *specializes*, there will be no formal distinction between one type of student and another in the way in which we have up to now distinguished between an 'honour' student and a 'general' student..."

"The only restrictions affecting any student in making up his program for a given year, apart from his own interests, will be: (1) any necessary prerequisite for a particular course he wishes to take; (2) a timetable conflict; (3) limitation in size of classes, particularly seminar courses in higher years. Otherwise, all students doing satisfactory work academically will be eligible for all courses offered in the Faculty."

In order that the secondary schools

may be fully informed, Associate Dean A. C. H. Hallett is directing the production of a 1969-70 Arts and Science calendar, covering first and second years, which will be distributed at the symposiums. A separate calendar for third and fourth years will be issued later in the year. These calendars will take the place of the bulky one volume book available in the late spring of each year.

The new curriculum is the first action taken toward implementing the recommendations of the Macpherson committee. Changes in the curriculum were regarded as of first importance, because they required the earliest decisions and action. Dean A. D. Allen said that the Faculty Council would begin soon to take up other recommendations of the sub-committee of staff and students which has been dealing with the Macpherson committee report: standing in a course, standing in a year, term marks, examinations, qualifications for and types of degrees.

STAFF NOTES

University College

PROF. J. M. RIST gave a lecture on "Suicide: The Stoic Way Out" to the Ontario Classical Association at Waterloo on Oct. 26, and a lecture on "Cynicism and Stoicism" at Harvard University on Nov. 1.

PROF. F. E. L. PRIESTLEY gave two lectures at the University of Waterloo on Nov. 11: one to undergraduates on "Popular Misconceptions about the Nineteenth Century" and one to faculty on "J. S. Mill and August Comte".

Trinity College

PROF. BRIAN T. FITCH delivered a lecture on "Nouvelles Perspectives sur L'Étranger de Camus" to the Department of French and Italian of the University of Kansas in their Graduate Colloquium Series on Nov. 15.

Scarborough College

PROF. W. C. GRAHAM read a paper on "Parmenides' Logical Monism" and participated in discussions at the XIVth International Congress of Philosophy held in Vienna, Sept. 2-9.

Medicine

DR. CALVIN EZRIN participated in the second Hoechst Diabetes Workshop held at Mont Gabriel Lodge, Que., on Oct. 29 and presented a paper entitled "The Cells of Origin of the Anterior Pituitary Hormones With Special Reference to Prolactin and Growth Hormone".

DR. K. W. G. BROWN gave an address on "Management of Myocardial Infarction" at the Royal College of Physicians and Surgeons regional meeting in Windsor.

(See page 4, col. 1)

Appointed & Promoted

Extension

W. J. FLYNN has been appointed assistant director in the Division of Extension, and is responsible for all programs which do not lead to degrees. The new post covers a broad range of offerings from pre-university courses to post-degree professional seminars.

Mr. Flynn is known to persons in many faculties and schools through his previous positions as assistant secretary of the Board of Governors, and secretary to the Presidential Advisory Committee on Accommodation and Facilities. He is a graduate in Law from the University of Manitoba.

STAFF NOTES

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Ontario Institute for Studies in Education

DR. DAVID S. ABBEY was the special consultant on Education Evaluation at the 17th Annual Southeastern Museums Conference, Norfolk, Va., Oct. 23-26.

DR. GLEN T. EVANS addressed the staff of St. Clair College, Windsor on "Testing and Examining in the College" on Oct. 28.

DR. DOROTHY HORN attended a conference at the Educational Records Bureau in New York, on Oct. 31.

DR. J. ROBY KIDD gave the keynote address to the National Conference of the Adult Education Association of the United States, in Des Moines, Iowa, on Nov. 11.

Pharmacy

PROF. G. C. WALKER attended the Pharmacy Session of the American Public Health Association in Detroit, Nov. 10, and attended the directors meeting of the Canadian Foundation for the Advancement of Pharmacy in Montreal, Nov. 15.

DR. ERNST W. STIEB was invited to address the Hamilton Pharmaceutical Association, Nov. 25, on the subject "Pharmacy's Symbols, Past and Present".

Architecture

PROF. GERALD HODGE acted as a major discussant in a policy workshop, "Planning for Housing" at the Canadian Conference on Housing in Toronto, Oct. 20-22.

Hygiene

DR. A. J. RHODES took part in a discussion on "The Role and Interrelationships of the Health Related Professions: Implications for Education and Training" at the annual meeting of the Association of Universities and Colleges of Canada in Ottawa on Nov. 6.

DRS. A. J. RHODES, R. D. BARRON, F. D. MOTT, F. B. ROTH, H. MOGHADAM, H. S. GEAR and K. N. RAO, attended the annual meeting of the American Public Health Association in Detroit, Nov. 12-15.

DR. H. S. GEAR presented a paper on "The Influence of W.H.O. on Professional

Russian Workshop offers 2 new courses in summer of 1969

Two new courses have been added to the curriculum of the third Russian Summer Workshop to be given at the University of Toronto by the Centre for Russian and East European Studies from June 23 to Aug. 15 next year.

The new courses are instruction in methods of teaching Russian and a special one for interpreters and translators. Eight courses offered in 1967 and 1968 are being continued: elementary, intermediate and advanced Russian, a refresher course for scholars, reading courses in the humanities and social sciences, literature and criticism; scientific Russian, and a special course for participants in the exchange program with the Soviet Union.

"Small study groups, combined with the exclusive use of Russian at the intermediate and advanced levels will enable a student to complete the equivalent of an academic year course in eight weeks at the appropriate level", said S. V. Kononoff, director of the Workshop.

Language-oriented extra-curricular activities, such as films, seminars, folk dancing, and singing, will be part of the program. Special collections of literary recordings will be available in the language laboratory.

Students in intensive, elementary intermediate and advanced courses and those wishing to satisfy foreign language requirements for M.A. and Ph.D. degrees may, if they meet U of T admission requirements, take the appropriate university examinations.

The tuition fee is \$200 and the cost of room and board in residence will be about \$300. A number of bursaries will be awarded to qualified students in need who are recommended by their parent universities.

Further information and application forms are available from Mr. Kononoff at Room 5024, Sidney Smith Hall, telephone 928-2304.

Education and Training of Non-Governmental Organizations" at the World Health Organization's 20th Anniversary Forum, sponsored by the American Association for World Health and U.S. Committee for W.H.O., held in conjunction with the A.P.H.A. meeting.

In addition, DRS. A. J. RHODES and R. D. BARRON attended the semi-annual meeting of the Association of Schools of Public Health of North America, Nov. 11, held in conjunction with the above meeting.

The Conference of State and Provincial Health Authorities of North America conferred Honorary Membership on Dr. F. D. MOTT at the 82nd annual meeting of the Conference, in Detroit, Nov. 9.

Business

PROF. J. H. G. CRISPO contributed an article on "Human Adjustment to Industrial Conversion: A Canadian Experiment" to B.C. Roberts (ed.) *Industrial Relations: Contemporary Issues*, (London, Macmillan, 1968).

PROF. M. G. EVANS attended a symposium on "The Task-Oriented Manager" held by the Management Research Center of the University of Rochester.

PROF. J. V. POAPST addressed the Planning Executives Institute, Toronto, on Oct. 24. His subject was "Capital Budgeting in Perspective-A Broader View of the Investment Decision".

Aerospace Studies

PROF. I. I. GLASS attended a meeting of the NRC Associated Committee on Aerodynamics in Ottawa on Nov. 18 in order to evaluate research proposals on low and high-speed aerodynamics and gasdynamics.

DR. R. C. TENNYSON and A. R. GRAY travelled to Bristol Aerospace Ltd. on Nov. 15-16, to perform a payload checkout in preparation for launching of a UTIAS micro-meteoroid impact detector on a Black Brant II rocket into the Geminid meteor shower in mid-December.

DR. G. N. PATTERSON attended a Science Council meeting, Nov. 14-15, in Ottawa.

DR. G. K. KORBACHER, on invitation, attended a "Meeting on Aerospace Technology" on Nov. 13. The purpose of this committee meeting was to explore whether or not industry, universities, technical colleges, and government agencies see a necessity to start an Aerospace Technology Program at Conestoga College of Applied Arts and Technology, Kitchener.

On Oct. 30, DR. P. A. SULLIVAN visited U.S. Air Force Office of Scientific Research and NASA headquarters in Washington, D.C. to discuss common research interests in high temperature gasdynamics and upper atmospheric physics. DR. SULLIVAN also visited NASA Langley Research Center in Hampton, Va., to discuss mutual research interests in high temperature nonequilibrium gasdynamics.

DR. R. C. TENNYSON attended the Canadian Aeronautics and Space Institute Publications Committee meeting in Ottawa on Nov. 20. He subsequently visited the aeronautical structures laboratory at the National Research Council to discuss the application of finite element analysis to shell buckling problems.

Computer Science

On Oct. 22 PROF. W. KAHAN visited the University of California at Berkeley and gave a talk on "Error Bounds on Clusters of Eigenvalues and Invariant Subspaces of Symmetric Matrices". He also delivered a colloquium at Stanford University entitled "Wishful Thinking about Floating Point Hardware Design".

On Nov. 7 and 8 PROF. T. E. HULL presented seminars at the University of British Columbia and the University of Victoria on "Theorems Concerning the Effectiveness of Methods Used in the Numerical Integration of Ordinary Differential Equations".

PROF. A. VAN DAM of the Center for Computer & Information Sciences, Brown University, delivered a colloquium in the Department on Nov. 21, entitled "Two Applications of Computer Graphics on the IBM 2250, Model I".

Drama

PROF. F. J. MARKER represented the Centre for the Study of Drama with a talk on "Chekhovian Comedy", presented to the Central Ontario Drama League in Toronto on Oct. 17.

DR. LISE-LONE MARKER was guest lecturer at Vassar College on Nov. 4 and spoke on "Elizabethan Acting Style".

PROF. BRIAN PARKER delivered a lecture "Words Alone are Certain Good" at the University of Guelph, Nov. 21.

LEON MAJOR directed *Tosca* for the Quebec Lyric Opera Company which opened Nov. 23 in Quebec City.

Medieval Studies

PROF. JOHN LEYERLE read two papers, "The Centre and Its Compass" and "Chaucer's Nucleus Images", and gave a slide lecture "The *Poculi Ludique Societas* at the University of Toronto: A Medieval and Tudor Play Society" at the University of Manitoba, Nov. 14-15.

PROFS. JOHN LEYERLE, H. A. ROE and RICHARD J. SCHOECK attended the Pennsylvania State University Conference on Bibliography from Nov. 21-23. Prof. Leyerle was a panelist at the Medieval Series session on "Problems Inherent in Medieval Bibliography" and Prof. Schoeck was a panelist at the session on "Organizational Solutions to Problems of Medieval Bibliography".

PROF. NORMAN P. ZACOUR attended the Third International Congress of the History of Canon Law in Strasbourg, Sept. 2-6, and the Midwest Medieval History Conference at the University of Cincinnati, Nov. 2.

Pontifical Institute of Mediaeval Studies

PROF. JAMES K. MCCONICA has been named a visiting fellow to All Souls College, Oxford, for 1969-70.

PROF. RICHARD J. SCHOECK has been re-elected to the Council of the Renaissance Society of America as representative of the History of Law and Political Thought.

PROF. L. K. SHOOK spoke on "Renewal in the Church" at the 150th Anniversary Celebrations of Toronto Methodism held in Metropolitan Church, Nov. 24.

Policy Analysis

PROFS. JOHN BOSSONS and RODNEY DOBELL attended meetings of the American Society for Engineering Education in Montreal, Oct. 19, where they addressed a workshop session on "Applications of Engineering Methodology to Non-Engineering Systems". Prof. Bossons spoke on "Uses of Simulation Techniques in Evaluating Tax Policy", and Prof. Dobell on "Applications of Control Theory in Economic Analysis".

Russian and East European Studies

At its business meeting on Sept. 5, the Conference on Communist Studies of the American Political Science Association chose PROF. H. GORDON SKILLING as next year's president-elect.

Connaught Medical Research Laboratories

DR. R. J. WILSON visited the Instituto Oswaldo Cruz, Rio de Janeiro, Sept. 1-16, as consultant to the Pan American Health Organization in its program for the eradication of smallpox in South America, and gave a course on the diagnosis of smallpox and the production of smallpox vaccine to scientists from eight countries in South America. Under the auspices of the Pan American Health Organization, DR. ERNEST PEARSON, Director of the Bacteriological Institute of Chile, visited the laboratories, Sept. 16-Oct. 8, to observe the production and testing of biological products.

Business Ph.D. is new degree

Beginning in September 1969, University of Toronto School of Graduate Studies' Department of Business Administration will offer a program of studies leading to the degree of Doctor of Philosophy in business administration. At present the University's School of Business offers students either a one year diploma course or a two year Master's degree course in business administration.

"Graduates of the Ph.D. course will be prepared to perform as highly skilled analysts and researchers in government and business organizations and as teachers and researchers in Canadian universities", said Dr. O. Warren Main, director of the School of Business. "Universities and Colleges currently are putting increasing emphasis on the quality of education for both private and public management, by improving the level of sophistication of programs of study and by increasing the quality of the faculty resources."

Both business and government are actively seeking men and women well trained in advanced techniques of analysis and decision-making to cope with growing problems, Dr. Main said, and the demand for graduates of business administration programs is steadily increasing.

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. oral examinations.

Friday, Dec. 13

Philip H. Niles, Centre for Medieval Studies. "Parliament and Society in 1376; The Role of the Commons and the Background of the Membership". Thesis Supervisor: Profs. Wilkinson and T. Sandquist. 201, 65 St. George Street. 2 p.m.

Monday, Dec. 16

Edward I. Condren, Centre for Medieval Studies. "The Metaphor of Love: A Critical Study for Chaucer's Early Poetry". Thesis Supervisor: Prof. K. O. Kee. Room 207, 65 St. George Street. 9 a.m.

Thomas E. Siddon, Department of Aerospace Studies. "On the Response of Pressure Measuring Instrumentation in Unsteady Flow". Thesis Supervisor: Prof. H. S. Ribner, Room 201, 65 St. George Street. 2 p.m.

Wednesday, Dec. 18

Alastair M. Drummond, Department of Aerospace Studies. "Performance and Stability for Steady Minor-Circle Flight". Thesis Supervisor: Prof. B. Etkin. Room 201, 65 St. George Street. 2 p.m.

Donald S. Lavery, Chemistry. "Structural Studies of Phosphorus Compounds". Thesis Supervisor: Prof. E. A. Robinson. 201, 65 St. George Street. 10 a.m.

Miss Margaret Anne Bevens Maxwell, Botany. "Some Aspects of Structural and Biochemical Changes in the Broad Bean Chloroplast". Thesis Supervisor: Prof. J. P. Williams. 207, 65 St. George Street. 2 p.m.

Thursday, Dec. 19

Eugene M. L. Valeriot, Chemistry. "Adsorption Studies by Capacitance Methods". Thesis Supervisor: Prof. R. G. Barradas. 201, 65 St. George Street. 10.30 a.m.

F. X. Carneau, Chemistry. "I. The Photooxidation of *o*-Methylacetophenones. II. Reactions of *a*-Diazo Ketones in the Presence of Metals and Metallic Compounds". Thesis Supervisor: Prof. P. Yates. 201, 65 St. George St., 2 p.m.

Friday, Dec. 20

Brian A. Ridley, Chemistry. "Kinetics of the Four Basic Thermal-Centre Exchange Reactions of the Hydrogen Isotopes". Thesis Supervisor: Prof. D. J. LeRoy. 201, 65 St. George Street. 10 a.m.

Hugh W. Middleton, Chemistry. "Studies Related to the Mechanism of Action of the Cardiac Glycosides". Thesis Supervisor: Prof. J. B. Jones. 201, 65 St. George Street. 2 p.m.

Hart House

Hart House will shortly celebrate the 50th year of its opening, when special events will be held to mark its first half century.

During this time the committee government of the House has been fortunate in the leadership provided by many members of the faculty who have served as chairmen.

At the meeting of the 396th Finance Committee on Oct. 28 the members paid tribute to PROF. NORRIE SHEPPARD who has led its deliberations as chairman for twenty years.

Prof. Sheppard has this year been a member of the academic staff in mathematics for 50 years and was among those honoured by receiving a Centennial medal as a member of the Canadian Institute of Actuaries.

"In the face of such developments", Dr. Main said, "Ph.D. study in all aspects of decision making has become necessary to provide the personnel to support such growth and supply future demand. As Arthur J. Smith, chairman of the Economic Council of Canada has heavily underlined, there is a great need for better education for and about management."

The Ph.D. program drawn up by doctoral studies committee, of which Prof. M. S. Sommers is chairman, will have a distinctive Canadian flavour in the tradition of other Ph.D. study at University of Toronto. A great deal of emphasis will be put on the Canadian context of corporate, consumer and governmental operations, said Prof. Sommers, and research throughout the program will be focussed on the Canadian scene and dedicated to furthering an understanding of and ability to predict domestic events.

"In addition to training students in advanced methods of research, analysis and implementation", Prof. Sommers said, "we will be developing people, through the Ph.D. program, to ask new and better questions about all aspects of consumer, corporate and governmental activities and their inter-relationships."